Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Method and System for Processing Upstream Packets of an Optical Network, the specification of which is attached hereto.

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Application No.	Country	Filing Date	Priority Claimed Under 35 USC §119 (a)		
				Yes	No
I hereby claim the ben below:	efit under Tit	le 35, United States Co	de, § 119(e) of an	y United States	s provisional application(s) listed
60/244,052 (Application No.)	Octob	er 26, 2000 (Filing Date)	60/258,837 (Application	on No.)	December 28, 2000 (Filing Date)
60/243,978 (Application No.)	Octob	er 27, 2000 (Filing Date)	60/289,112 (Application	on No.)	May 8, 2001 (Filing Date)
insofar as the subject application in the man	matter disclo ner provided nation as defi	sed and claimed in the by the first paragraph ned in Title 37, Code of	e present application of Title 35, United of Federal Regulation	on is not discl States Code { ons, §1.56 which	application(s) listed below and, losed in the prior United States \$112, I acknowledge the duty to ch became available between the ication:
Application Serial	No.	Filing Date	Status:	patented, pendi	ing, abandoned
09/899,410		July 5, 2001		pending	
belief are believed to b the like so made are pu and that such willful fa POWER OF ATTORN Patent and Trademark 36,942; Holmes J. Haw Bennett-Paris-47,226; A	e true; and funishable by also statements EY: The foll Office conneykins-38,913;	orther that these stateme fine or imprisonment, of may jeopardize the validation are hereby appointed therewith: Sherry Steven P. Wigmore-40,	nt were made with r both, under Secti dity of the application to prosecute M. Knowles-33,0,447; Lisa K. Norto	the knowledge on 1001 of Tit tion or any pate this application 52; W. Scott I on-44,977; Cha	ements made on information and that willful false statements and le 18 of the United States Code, ents issuing thereon. and transact all business in the Petty-35,645; Clark G. Sullivan-ries E. Peeler-45,004; Joseph M. ng-P-48,308; Robert T. Neufeld-
P-48,394.					
Send correspondence to	o: King 191 Pe	& Spalding, Customer Seachtree Street, N.E., 45	No. 20786 th Floor	Direct telephor	ne calls at (404) 572-4600
		a, Georgia 30303			Steven P. Wigmore, Esq.
Full name of first inv	entor: Stepl	nen A. Thomas		Citizensl	nip: U.S.
Inventor's signature				Date:	
Residence and Post C	Office Addre	ss: 4397 Windsor Oal	ks Circle, Mariett	a, GA 30350	

Application No.

DECLARATION AND POWER OF ATTORNEY

Country

Attorney's Docket No. 08286.105010

Priority Claimed Under 35 USC §119 (a)-(d)

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

Filing Date

		Yes	No
I hereby claim the benefit ubelow:	under Title 35, United States Co	de, § 119(e) of any United Stat	tes provisional application(s) liste
60/244,052 (Application No.)	October 26, 2000 (Filing Date)	60/258,837 (Application No.)	December 28, 2000 (Filing Date)
60/243,978 (Application No.)	October 27, 2000 (Filing Date)	60/289,112 (Application No.)	May 8, 2001 (Filing Date)
insofar as the subject matter application in the manner p disclose material informatio	er disclosed and claimed in the	e present application is not dis of Title 35, United States Code of Federal Regulations, §1.56 w.	es application(s) listed below and sclosed in the prior United State \$\frac{8}{112}, I acknowledge the duty thich became available between the plication:
Application Serial No.	Filing Date	Status: patented, per	nding, abandoned
09/899,410	July 5, 2001		pending
belief are believed to be true the like so made are punish	e; and further that these statemen	nt were made with the knowled to both, under Section 1001 of 3	tatements made on information and ge that willful false statements and title 18 of the United States Code atents issuing thereon.
Patent and Trademark Office 36,942; Holmes J. Hawkins	ce connected therewith: Sherry -38,913; Steven P. Wigmore-40,	M. Knowles-33,052; W. Scott 447; Lisa K. Norton-44,977; Cl	on and transact all business in the Petty-35,645; Clark G. Sullivar harles E. Peeler-45,004; Joseph Moung-P-48,308; Robert T. Neufeld
Send correspondence to:	King & Spalding, Customer 1 191 Peachtree Street, N.E., 45	No. 20786 Direct teleph th Floor	none calls at (404) 572-4600
T2.11	Atlanta, Georgia 30303	G''	Steven P. Wigmore, Esq.
Full name of second inver	ntor: Kevin Bourg	Citizen	ıship: U.S.
Inventor's signature		Date:	
Residence and Post Office	e Address: 1075 Windward R	idge Parkway, Suite 170, Alı	pharetta, GA 30005
			Page 2 of 9
			S

Application No.

DECLARATION AND POWER OF ATTORNEY

Country

Attorney's Docket No. 08286.105010

Priority Claimed Under 35 USC §119 (a)-(d)

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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Filing Date

		Yes	No		
I hereby claim the benefit below:	under Title 35, United States Code,	§ 119(e) of any United Stat	tes provisional application(s) liste		
60/244,052 (Application No.)	October 26, 2000 (Filing Date)	60/258,837 (Application No.)	December 28, 2000 (Filing Date)		
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insofar as the subject mat application in the manner disclose material information	under Title 35, United States Code ter disclosed and claimed in the proprovided by the first paragraph of T on as defined in Title 37, Code of Fe ication and the national or PCT intern	esent application is not dis itle 35, United States Code deral Regulations, \$1.56 w	sclosed in the prior United State \$112, I acknowledge the duty thich became available between the		
Application Serial No.	Filing Date	Status: patented, per	nding, abandoned		
09/899,410	July 5, 2001		pending		
belief are believed to be truthe like so made are punish	ements made herein of my own know he; and further that these statement we hable by fine or imprisonment, or bo tatements may jeopardize the validity	ere made with the knowled th, under Section 1001 of 7	ge that willful false statements an Fitle 18 of the United States Cod		
Patent and Trademark Off 36,942; Holmes J. Hawkins	The following are hereby appointed ice connected therewith: Sherry M. s-38,913; Steven P. Wigmore-40,447; hane Nichols-43,836; William O. Isa	Knowles-33,052; W. Scott Lisa K. Norton-44,977; Cl	t Petty-35,645; Clark G. Sullivan harles E. Peeler-45.004: Joseph N		
Send correspondence to:	King & Spalding, Customer No. 191 Peachtree Street, N.E., 45th F Atlanta, Georgia 30303		none calls at (404) 572-4600 Steven P. Wigmore, Esq.		
Full name third inventor:	Deven Anthony	Citizen	ship: U.S.		
Inventor's signature		Date:			
Residence and Post Office	ee Address: 1075 Windward Ridge	Dorlaway Swita 170 Ala	aharatta CA 20005		
residence and Fost Offic	E Address. 10/3 willdward Ridge	raikway, suite 170, Alj			
			Page 3 of 9		

Application No.

DECLARATION AND POWER OF ATTORNEY

Country

Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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Filing Date

		Yes	No
I hereby claim the benefit unbelow:	nder Title 35, United States Code, §	119(e) of any United State	es provisional application(s) listed
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insofar as the subject matter application in the manner predisclose material information	under Title 35, United States Code, or disclosed and claimed in the pre- rovided by the first paragraph of Tinas defined in Title 37, Code of Feration and the national or PCT interna-	esent application is not disc itle 35, United States Code deral Regulations, §1.56 wh	closed in the prior United States §112, I acknowledge the duty to ich became available between the
Application Serial No.	Filing Date	Status: patented, pend	ling, abandoned
09/899,410	July 5, 2001		pending
belief are believed to be true the like so made are punisha	ments made herein of my own know; and further that these statement wable by fine or imprisonment, or bot atements may jeopardize the validity	ere made with the knowledg th, under Section 1001 of T	te that willful false statements and itle 18 of the United States Code,
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Send correspondence to:	King & Spalding, Customer No. 2		one calls at (404) 572-4600
	191 Peachtree Street, N.E., 45 th Fl Atlanta, Georgia 30303	1001	Steven P. Wigmore, Esq.
Full name of fourth invent	tor: Patrick W. Quinn	Citizens	ship: U.S.
Inventor's signature		Date:	
Residence and Post Office	e Address: 1226 Sunrise Ridge D	rive, Lafayette, California	. 94549
			Dago A of O

Priority Claimed Under 35 USC §119 (a)-(d)

DECLARATION AND POWER OF ATTORNEY Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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Application No.	Country	Filing Date		Priority Clai	med Under 35 USC §1	19 (a)-(d)
				Yes	No	
I hereby claim the be below:	nefit under Tit	le 35, United States Cod	le, § 119(e) of ar	y United Stat	tes provisional applicati	ion(s) listed
60/244,052 (Application No.)	Octob	er 26, 2000 (Filing Date)	60/258,837 (Applicati	on No.)	December 28, (Filing D	
60/243,978 (Application No.)	Octob	er 27, 2000 (Filing Date)	60/289,112 (Application	on No.)	May 8, 2001 (Filing D	ate)
insofar as the subject application in the madisclose material info	enefit under Tr t matter disclo nner provided rmation as defi	itle 35, United States C sed and claimed in the by the first paragraph c ned in Title 37, Code of d the national or PCT in	present applicate of Title 35, Unite of Federal Regulat	ion is not did d States Code ions, §1.56 w	sclosed in the prior Ui e §112, I acknowledge hich became available l	the duty to
Application Seria	al No.	Filing Date	Status	: patented, per	nding, abandoned	
09/899,410		July 5, 2001			pending	
belief are believed to	be true; and for the sun is the s	nade herein of my own karther that these statement fine or imprisonment, or may jeopardize the vali	nt were made with r both, under Sec	n the knowled tion 1001 of '	lge that willful false stat Fitle 18 of the United S	tements and
Patent and Trademar	k Office conne	lowing are hereby appoint the control of the contro	M. Knowles-33, 447: Lisa K. Nor	052; W. Scot ton-44,977; C	t Petty-35,645; Clark (harles E. Peeler-45,004	G. Sullivan-
Send correspondence	to: King	& Spalding, Customer 1	No. 20786	Direct telep	hone calls at (404) 572-	4600
		eachtree Street, N.E., 45 ta, Georgia 30303	ui Floor		Steven P. Wigmore, I	Esq.
Full name of fifth in	nventor: Jame	es O. Farmer		Citize	nship: U.S.	
Inventor's signature	÷			Date:		
Residence and Post	Office Addre	ess: 3602 Preston Cour	t, Lilburn, Geor	gia 30047		

Page 5 of 9

Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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Application No.	Country	Filing Date		Priority Cla	imed Unde	er 35 USC §119 (a)-(d)
			·	Yes	No	
I hereby claim the bebelow:	nefit under Ti	tle 35, United States Co	ode, § 119(e) of any	United Sta	ates provisi	ional application(s) listed
60/244,052 (Application No.)	Octo	per 26, 2000 (Filing Date)	60/258,837 (Applicatio	n No.)	<u></u>	December 28, 2000 (Filing Date)
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Application Seria	l No.	Filing Date	Status: 1	oatented, pe	nding, aba	ndoned
09/899,410		July 5, 2001			pending	
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Patent and Trademark 36,942; Holmes J. Ha	c Office conn wkins-38,913	ected therewith: Sherry Steven P. Wigmore-40	/ M. Knowles-33,0: ,447; Lisa K. Norto	52; Ŵ. Sco n-44,977; C	tt Petty-35 Charles E. I	unsact all business in the ,645; Clark G. Sullivan-Peeler-45,004; Joseph M. ,308; Robert T. Neufeld-
Send correspondence	191 F	& Spalding, Customer Peachtree Street, N.E., 45	No. 20786 5th Floor	Direct telep	hone calls	at (404) 572-4600
		ta, Georgia 30303				P. Wigmore, Esq.
Full name of sixth in	nventor: Joh	n J. Kenny		Citize	nship: U.	S.
Inventor's signature	:			Date:		
Residence and Post	Office Addr	ess: 5590 Trion Cove,	Norcross, Georgi	a 30092		
						Page 6 of 9

DECLARATION AND POWER OF ATTORNEY Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

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Application No.	Country	Filing Date	Priority Claimed Under 35 USC §1			§119 (a)-(d)
				Yes	No	
I hereby claim the be below:	enefit under Titl	e 35, United States Co	de, § 119(e) of a	ny United Sta	tes provisional appli	ication(s) listed
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Application Seri	al No.	Filing Date	Status	s: patented, per	nding, abandoned	
09/899,410		July 5, 2001			pending	_
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Patent and Trademar 36,942; Holmes J. Ha	k Office connective wkins-38,913;	owing are hereby appointed therewith: Sherry Steven P. Wigmore-40, sols-43,836; William O.	M. Knowles-33 447; Lisa K. No	,052; Ŵ. Scot ton-44,977; C	t Petty-35,645; Clar harles E. Peeler-45,0	k G. Sullivan- 004; Joseph M.
Send correspondence	to: King &	& Spalding, Customer l	No. 20786	Direct telep	hone calls at (404) 5	72-4600
	191 Pe Atlanta	eachtree Street, N.E., 45 a, Georgia 30303	III Floor		Steven P. Wigmon	re, Esq.
Full name of sevent	th inventor: Tl	homas A. Tighe		Citizer	nship: U.S.	
Inventor's signature	2	,		Date:		
Residence and Post	Office Addres	ss: 330 Oakridge Terr	ace. Alpharetta	Georgia 300	005	
			, , ,	,	Page 7	of 0

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disclosing subject ma application on which p			entified specificati	on and havin	ig a filing date be	efore that of the
Application No.	Country	Filing Date		Priority Cla	nimed Under 35 US	C §119 (a)-(d)
				Yes	No	
I hereby claim the below:	nefit under Titl	e 35, United States C	ode, § 119(e) of a	ny United Sta	ates provisional app	olication(s) listed
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I hereby claim the be insofar as the subject application in the man disclose material infor filing date of the prior	t matter disclosenner provided in mation as defin	sed and claimed in the by the first paragraphened in Title 37, Code	ne present applicates of Title 35, Unite of Federal Regula	tion is not di ed States Cod tions, §1.56 w	isclosed in the pri le §112, I acknowl which became avail	or United States edge the duty to
Application Seria	1 No.	Filing Date	Status	s: patented, pe	nding, abandoned	
09/899,410	 	July 5, 2001			pending	
I further declare that a belief are believed to the like so made are p and that such willful f	be true; and fu ounishable by f	rther that these statem ine or imprisonment,	ent were made with or both, under Sec	th the knowled trion 1001 of	dge that willful fals Title 18 of the Un	se statements and ited States Code.
POWER OF ATTORI Patent and Trademark 36,942; Holmes J. Ha Bennett-Paris-47,226; P-48,394.	c Office connective wkins-38.913:	cted therewith: Sherr Steven P. Wigmore-40	y M. Knowles-33 0.447: Lisa K. Nor	,052; W. Scotton-44,977; C	tt Petty-35,645; Cl Charles E. Peeler-45	ark G. Sullivan- 5.004; Joseph M.
Send correspondence	191 Pe	& Spalding, Customer achtree Street, N.E., 4 a, Georgia 30303	No. 20786 5 th Floor	Direct telep	ohone calls at (404) Steven P. Wigm	
Full name of eight in				Citize	nship: U.S.	<u> </u>
Inventor's signature				Date:		
Residence and Post	Office Addres	ss: 1061 Secret Trail	, Sugar Hill, Geo	orgia 30518		
					Page 8	3 of 9

Attorney's Docket No. 08286.105010

In re Application of: Stephen A. Thomas; Kevin Bourg; Deven Anthony; Patrick Quinn; James O. Farmer; John K. Kenny; Thomas A. Tighe; Paul F. Whittlesey; and Emmanuel A. Vella

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and joint inventor) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Method and System for Processing Upstream Packets of an Optical Network**, the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. I understand that I have a duty of candor and good faith toward the Patent and Trademark Office, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

Application No.	Country	Filing Date	Prio	rity Claimed	d Under 35 USC §119 (a)-(d)
			Yes_		No
I hereby claim the bebelow:	nefit under Titl	e 35, United States Co	ode, § 119(e) of any Uni	ited States p	provisional application(s) list
60/244,052 (Application No.)	Octobe	er 26, 2000 (Filing Date)	60/258,837 (Application No	o.)	December 28, 2000 (Filing Date)
60/243,978 (Application No.)	Octobe	er 27, 2000 (Filing Date)	60/289,112 (Application No	5.)	May 8, 2001 (Filing Date)
application in the man	natter disclosumer provided limation as defin	sed and claimed in the by the first paragraph of the code of the c	Code, §120 of any Unit present application is of Title 35. United State	ed States ap not discloses Code §1	pplication(s) listed below ar sed in the prior United Stat 12, I acknowledge the duty became available between t ation:
Application Seria	l No.	Filing Date	Status: paten	ted, pending	g, abandoned
09/899,410		July 5, 2001		pe	nding
the like so made are p	be true; and fur unishable by fi	ther that these statement or	nt were made with the k	nowledge th	nents made on information and willful false statements and 18 of the United States Cocks issuing thereon.
Patent and Trademark	Office connec	ted therewith. Sherry	· M. Knowles-33.052+ V	V Scott Pet	nd transact all business in the ty-35,645; Clark G. Sulliva is E. Peeler-45,004; Joseph M-P-48,308; Robert T. Neufel
Send correspondence t	191 Pe	z Spalding, Customer 1 achtree Street, N.E., 45	No. 20786 Direct th Floor	ct telephone	calls at (404) 572-4600
E 11 C :		, Georgia 30303			even P. Wigmore, Esq.
Full name of ninth ir	ventor: Emm	anuel A. Vella		Citizenship	o: U.S.
Inventor's signature				Date:	
Residence and Post (Office Addres	s: 5505 Timson Lane	, Alpharetta, Georgia	30022	
					Page 9 of 9